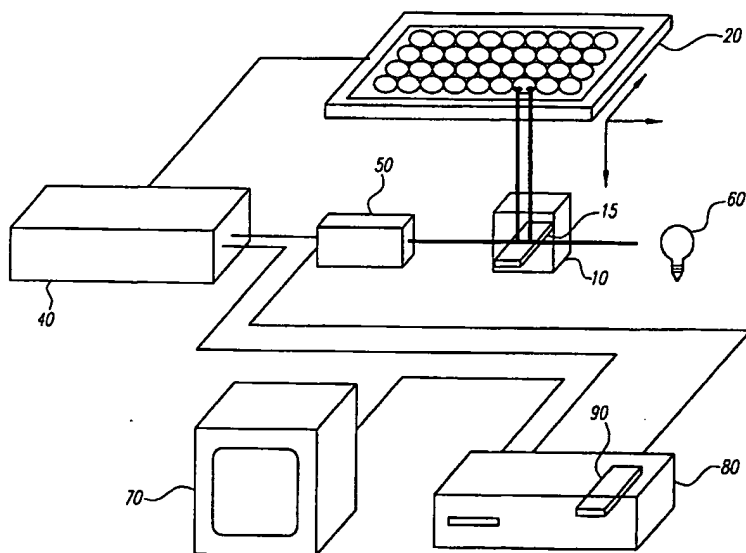




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(54) Title: **IMAGE ACQUISITION AND IMAGE ANALYSIS OF BIOLOGICAL MATERIAL****FIPS - HARDWARE SETUP**

(57) Abstract

The present invention provides apparatus and methods for the automated image acquisition and analysis of biological samples contained in a plurality of wells. High resolution images are acquired using a camera and a motorized stage. The images are digitized, processed, and analyzed without the need for user interaction.

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